

ABSTRACT

The present invention relates to a method of UE mobility management and a mobile communication system of implementing this method, comprising the steps of: the
UE transmitting uplink an RRC signaling message to a first RNC so as to request UE
5 mobility management; the first RNC receiving and forwarding to the core network the
uplink RRC signaling message; the core network forwarding transparently to a second
RNC said uplink RRC signaling message; and the second RNC receiving and utilizing
the forwarded uplink RRC signaling message to perform required mobility management.